

ENVIRONMENTAL EVALUATION
FOR PROPOSED STATE ACTION

*file Western
Tar Sands*

State Clearinghouse, Attn: A-95 Coordinator, Room 124 State Capitol, Salt Lake City, Utah 84114, Tel: (801) 533-6081

1. Legal Applicant (State Agency, address, city, state, ZIP code)

Utah Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

ACT/047/016

2. State Application Identifier Number

UT810701-030

3. Approximate date action will be initiated:

September 1, 1981

4. Type of Action

☐ Lease ☒ Permit ☐ License ☐ Land Acquisition
☐ Land Sale ☐ Land Exchange ☐ Other (specify) _____

5 a. Title of proposed action: Raven Ridge Project

5 b. Description

This action includes the development of a surface mining operation and the associated processing plant for extracting bitumen from tar sands. This is a pilot phase program to determine the feasibility of a larger scale operation. Projections are to operate the plant at a capacity of well under 10 tons/hour for a period of 10-12 hours/day. This phase may last for up to two (2) years and involves 6.28 acres. The mining sequence will involve stripping up to 30 feet of overburden off of a 12-15 foot thick seam of sandstone dipping 25° to the southwest. Extracted material will be trucked approximately 700 feet to the plant and processed waste will be returned to the created void as the rectangular trench is worked out in a series of four sections. All disturbed areas will be recontoured and revegetated according to a plan prepared by Native Plants, Inc., and Science Applications, Inc., of SLC. Bonding will be provided to cover reclamation of all areas.

6. Lands Affected (Site location map required)

The proposed mining operation is located within State Section 16, T. 7 S., R. 25 E., SLBM. The surface mine will start in the S 1/2 SW 1/4 NW 1/4 of the section and proceed on the strike of the seam S 42° E. This is within the Uinta Basin, Uintah County, approximately 25 miles southeast of Vernal, Utah.

7. Possible significant impacts likely to occur

This mining operation will have little detrimental effect on the surrounding environment. Mitigating provisions and the remoteness of the area will lessen the impact. There are no threatened or endangered species on the site area. Surface contours will be raised or lowered only a maximum ± 15 feet and will not be overly perceptible. Potential water quality degradation is minimal as adequate measures are provided. As long as proper mining techniques and appropriate safeguards are maintained throughout the operation, environmental disturbance should be at a minimum. It is required that revegetation restore the land to 70 percent of original cover.

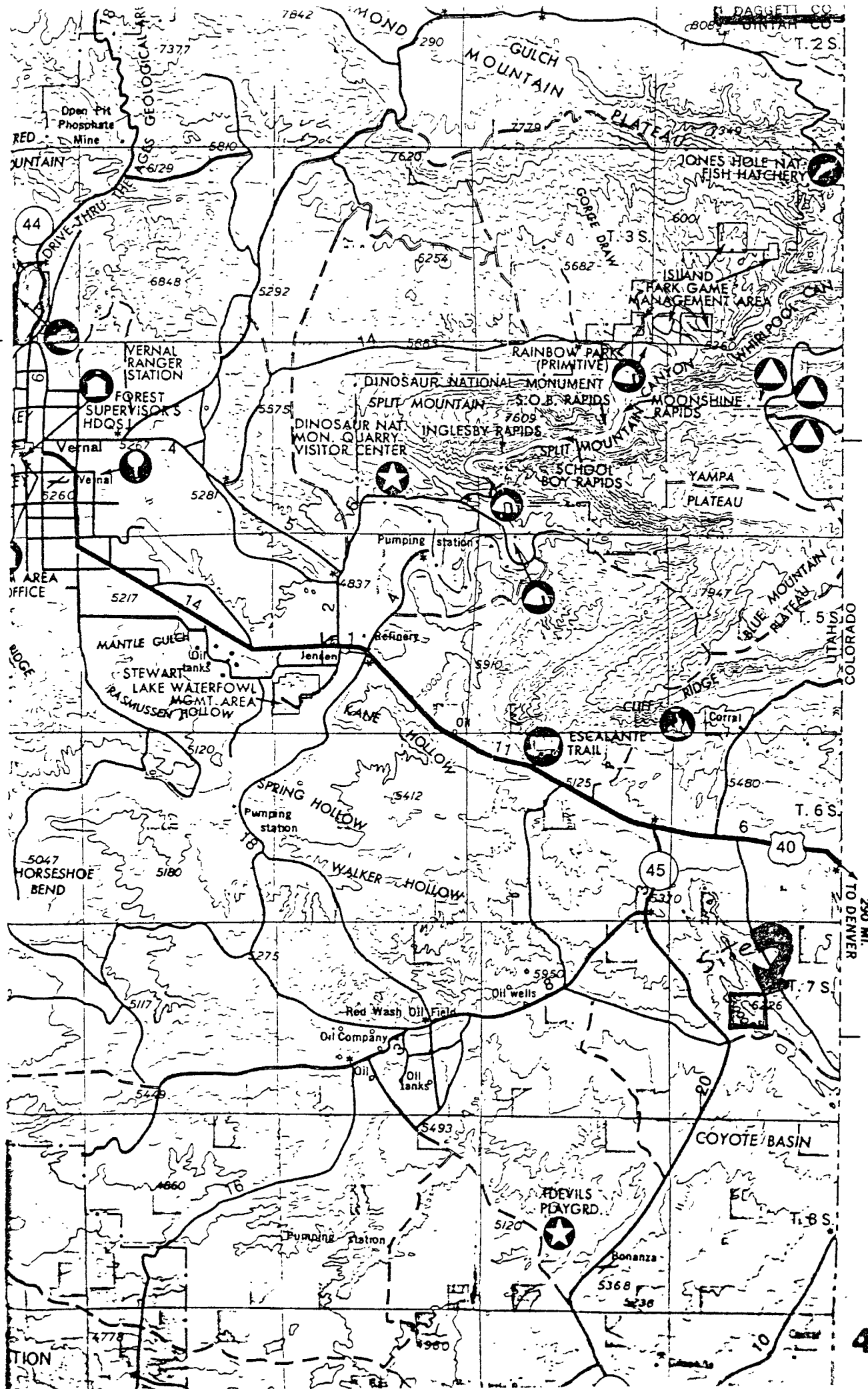
For further information contact:

Thomas N. Tetting, Division of Oil, Gas & Mining
Telephone No. 533-5771

9. Signature and Title of Authorized Officer

James W. Smith Coordinator of
Date: June 29, 1981 Mined Land

Development



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1. Legal Applicant (State Agency, address, city, state, ZIP code)

Division of State Lands
231 East 400 South, #411
Salt Lake City, UT 84111

AM/07/016

2. State Application Identifier Number

UT 810702-020

3. Approximate date action will be initiated: 7-15-81

4. Type of Action

☐ Lease ☐ Permit ☐ License ☐ Land Acquisition
☐ Land Sale ☐ Land Exchange ☒ Other (specify) Construction

5 a. Title of proposed action WTS

5 b. Description

Installation of 1,200 linear feet of chain link fence to enclose one (1) acre compound for storage of equipment.
Installation of concrete footings for small buildings and machinery.
Installation of mobile living trailer.

6. Lands Affected (Site location map required)

T7S, R25E, SLM

Uintah County

Section 16

7. Possible significant impacts likely to occur

Grading and leveling of surface for above installations will destroy vegetation and disturb soil on approximately 1.2 acres of land.

Present land use: Grazing and minerals.

For further information contact: John T. Blake

Telephone No. 533-5381

9. Signature and Title of Authorized Officer

John T. Blake
Date: *6-26-81*

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